



Fiscal Year 2000
Alaska District Success Stories
Ft. Greely Asphalt Disposal Area FUDS, Kodiak Island C3 Zone



Spreading clean material with dozer and excavating contaminated soil in background

FUDS PROPERTY NAME: Fort Greely Asphalt Disposal Area (ADA)
FUDS No. F10AK090203
LOCATION: Kodiak Island, Alaska (Former Fort Greely)

PROJECT DESCRIPTION

The Asphalt Disposal Area consists of a small valley terminating in Saint Paul Harbor that was used for disposal of material from an asphalt plant located there in WWII. Prior Phase II Remedial Investigation and Engineering Evaluation of the site revealed extensive asphalt and hydrocarbon contamination adversely impacting groundwater and surface water. Typically a shallow pond covers this site year round. Removal action was not scheduled to begin until summer 2001.

Due to unusually dry conditions on Kodiak Island this year causing record low surface and groundwater levels, a decision was made to expedite this project to take advantage of these favorable site conditions and to begin excavation during the field season of 2000. Over 46,000 cubic yards of contaminated material including nearly pure product asphalt material, contaminated soil and metal debris, has been removed and is stockpiled for treatment, recycling or proper disposal at a later date.

Fully utilizing the flexibility of the TERC, on island resources and exiting subcontracts were shifted to work at ADA as soon as funding became available. With the onset of inevitable wet weather conditions rapidly approaching, operations were conducted twenty-four hours a day seven days a week. Paralleling the field efforts, the engineering team modified plans for controlling ground water that might be encountered as well as preparing to deal with surface runoff should the fall rains arrive before site work was completed. With such extensive remedial activities being conducted in Buskin Beach State Park and Natives of Kodiak lands, close coordination with park personnel, the Native Corporation and the public was required.

COST SAVINGS

In programmatic planning for ADA it was anticipated that the quantities of contamination requiring removal in a complex ground and surface water system would require extensive engineering controls as well as water treatment systems. By taking advantage of unique weather conditions work could be conducted at one-sixth the programmed cost. These savings were compounded into additional work as significantly more contamination was encountered than previous studies indicated was present. The quantities increased from 6,800 yards to over 40,000 yards. Using previous programming estimates for the task, over \$9M in excavation and stockpiling costs were saved.

SCHEDULE SAVINGS

As stated above, this project was not scheduled to begin until spring of 2001. By starting this year and removing significant quantity of contaminated material, migration of contaminants has been stopped and site restoration and land reuse can begin much sooner. The project is currently 8 months ahead of schedule.



Excavating contaminated soil down to ash layer



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OTHER SUCCESSES

Local Hire: This project had over one dozen local hires employed onsite.

Subcontracting: Multiple local small businesses were employed to successfully complete this task. Subcontracting goals (SB - 60%, SDB - 8 %, WOSB - 0%) were exceeded significantly (Actuals SB – 71%, SDB – 11%, and WOSB – 13%) on this project in 2000.

Pumping Money Into Local Economy - \$1 Million: Work is being performed in what is normally a very slow time of the year for construction work on Kodiak Island, therefore producing additional money for the local economy. It is estimated that \$1M was directly pumped into the Kodiak businesses from this project.

NATURE OF SUCCESS

This project demonstrated flexibility of contract mechanism, integration and trust of the Kodiak Cleanup team, project management and construction management ability above and beyond typical remedial contractors. The cost savings from taking on this effort in 2000 are very significant at over \$9M.

PUBLIC INVOLVEMENT

Fort Greely ADA is included in a Community Relations Program for the Kodiak Island Alaska FUDS Zone Coordinated Comprehensive Cleanup (C3) Plan. Rather than the traditional Public Meeting with low attendance, an information booth is established several weekends a year at the local supermarket. This technique has substantially increased two-way communication between the Project Delivery Team and the general public.

This site property is owned by the Natives of Kodiak Village Corporation. Expedited cleanup of this property has demonstrated DOD's continued commitment to address contamination on the property of Native Alaskans.

POINT OF CONTACT

Mollie TeVrucht, USAED
(907) 753-2695
Mollie.L.Tevrucht@poa02.usace.army.mil